

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 82274.93	SERIAL NO. 10700,904
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANTS G. Douglas Meegan, Jr.	
		FILING DATE November 3, 2003	GROUP 1723 1724

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME OF INVENTOR	CLASS	SUBCLASS	FILING DATE (if appropriate)
<i>Jm</i>	3,643,623	Feb. 22, 1972	Joseph W. Eng et al.	116	137	Sep. 12, 1969
	3,763,634	Oct. 9, 1973	Howard Alliger	55	223	June 24, 1968
	6,171,366	Jan. 9, 2001	Jean-Francois Vicard et al.	95	1	
	6,322,613	Nov. 27, 2001	Marek A. Wojtowicz et al.	95	107	June 29, 2000
<i>Jm</i>	6,451,094	Sep. 17, 2002	Ramsay Chang et al.	95	901	Feb. 26, 1999

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY FILED IN OR PCT	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>Jm</i>	WO 94/26391	Nov. 24, 1994	PCT / WIPO	B01D	47/00, 51/08, 53/00	N/A	

OTHER ART

(Include name of author (in CAPITAL LETTERS), title of article, title of item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume issue number(s), publisher, city and/or country where published)

EXAMINER INITIAL						

EXAMINER SIGNATURE <i>Jan M. [Signature]</i>	DATE CONSIDERED 8/17/05
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 66007.8	SERIAL NO. 10/700,904
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT G. Douglas Meegan, Jr.	
		FILING DATE November 3, 2003	GROUP 1723 1724

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME OF INVENTOR	CLASS	SUBCLASS	FILING DATE (if appropriate)
<i>[Signature]</i>	4,584,000	Apr. 22, 1986	Graham J. Guest	55	73	Nov. 8, 1984
<i>[Signature]</i>	6,447,574	Sep. 10, 2002	James Leake Frier, Jr. et al.	95	29	Jun. 29, 2001
<i>[Signature]</i>	6,749,666	Jun. 15, 2004	George Douglas Meegan, Jr.	95	29	Apr. 26, 2002

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER ART

(Include name of author (in CAPITAL LETTERS), title of article, title of item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume issue number(s), publisher, city and/or country where published)

EXAMINER INITIAL						

U.S. PATENT APPLICATIONS / PUBLICATIONS

(Include Application Number, Title, Filing Date, Inventors)

<i>[Signature]</i>	U.S. Patent Application Publication No. US 2004/0168576, published 9-2-04 entitled <i>Modulated Acoustic Agglomeration System and Method</i> (Application Ser. No. 10/788,755 filed 2/27/04) (Attorney Docket No. 82274.95 - NOW: 66007.9)

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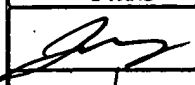
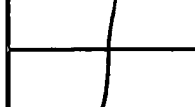


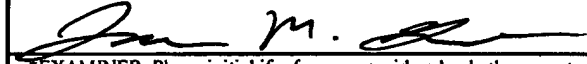
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 82274.93	SERIAL NO. <i>19/700,904</i> Not Yet Assigned
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT G. Douglas Meegan	
		FILING DATE November 3, 2003	GROUP <i>1724</i> Not Yet Assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME OF INVENTOR	CLASS	SUBCLASS	FILING DATE (if appropriate)
<i>[Signature]</i>	2,448,372 ✓	Aug. 31, 1948	C. B. Horsley	259	1	Feb. 7, 1946
	2,535,679 ✓	Dec. 26, 1950	C. B. Horsley et al.	183	114	Sept. 12, 1946
	2,535,700 ✓	Dec. 26, 1950	G. C. Seavey et al.	183	114	Sept. 29, 1948
	2,609,063 ✓	Sept. 2, 1952	C. B. Francis	183	32	June 2, 1950
	2,646,133 ✓	July 21, 1953	H. C. Schutt	183	32	July 3, 1948
	3,026,966 ✓	March 27, 1962	S. H. V. Asklof	183	15	March 9, 1959
	3,389,971 ✓	June 25, 1968	H. Alliger	23	277	June 14, 1967
	3,681,009 ✓	Aug. 1, 1972	C. B. Horsley	23	2 R	Dec. 10, 1969
	4,307,964 ✓	Dec. 29, 1981	James E. Dudgeon et al.	366	127	Feb. 25, 1981
	4,313,920 ✓	Feb. 2, 1982	William T. Cooper	423	449	Feb. 26, 1980
	4,319,891 ✓	Mar. 16, 1982	Gerald L. Anderson et al.	55	15	Nov. 13, 1980
	4,378,976 ✓	Apr. 5, 1983	William F. Rush	55	15	Aug. 14, 1981
	4,475,921	Oct. 9, 1984	Martin B. Barmatz	23	313 R	Mar. 24, 1982
	4,770,675	Sep. 13, 1988	Ulrich H. Kurzweg et al.	55	15	Jan. 12, 1987
	4,948,497	Aug. 14, 1990	Tihiro Ohkawa	209	1	May 18, 1988
	5,085,673	Feb. 4, 1992	Bill F. Bentley et al.	55	10	Mar. 19, 1991
	5,085,783	Feb. 4, 1992	Donald L. Feke et al.	210	748	Aug. 16, 1990
	5,147,562	Sep. 15, 1992	Joseph S. Heyman	210	748	Dec. 17, 1990
	5,164,094	Nov. 17, 1992	Wolfgang Stuckart	210	708	
	5,183,481	Feb. 2, 1993	William Felder	55	15	Jun. 7, 1991
	5,197,399	Mar. 30, 1993	Momtaz N. Mansour	110	345	Jul. 15, 1991
	5,353,721	Oct. 11, 1994	Momtaz N. Mansour et al.	110	345	Mar. 29, 1993
	5,419,877	May 30, 1995	Robert R. Goforth et al.	422	177	Sep. 17, 1993
	5,769,913	Jun. 23, 1998	Juan A. Gallego Juarez et al.	55	277	Apr. 14, 1997
<i>[Signature]</i>	5,827,350 ✓	Oct. 27, 1998	Joseph Magill et al.	95	29	

[Signature]

8/17/05

FOREIGN PATENT DOCUMENTS							
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EXAMINER INITIAL							
	CHRIS EVERETT PETERSON, B.S., Thesis: "Experimental Studies in Acoustic Agglomeration: Dependence on Frequency and SPL," August 2000, 103 pgs.						
	D. S. SCOTT, "A New Approach to the Acoustic Conditioning of Industrial Aerosol Emissions" (Journal of Sound and Vibration) 1975, 43(4), pgs. 607-619.						
	J. A. GALLEG0 et al., "A Pilot Scale Acoustic System For Fine Particle Removal From Coal Combustion Fumes" (1995 World Congress on Ultrasonics), pgs. 737-740, Madrid, Spain.						
	KARL MATTHEW MARTIN, B.S., "Acoustic Filtration in a Closed System" (Thesis), December 1997, 91 pgs., The University of Texas at Austin.						
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